

Claims

1. A method for connecting a system comprising subscriber apparatus to a mobile network, **characterized** in that the method comprises the steps of
- storing in a network element (11) connected to the mobile network subscriber information corresponding to information in a subscriber identity module of a mobile communication means of the mobile network,
 - emulating towards said mobile network a desired interface of said mobile network,
 - emulating towards said system a desired interface of said system, and
 - connecting signals of said system to the mobile network and signals of the mobile network to said system.
2. A method according to claim 1, **characterized** in that said network element (11) is used to emulate mobile network functions associated with mobile communication devices of the mobile network that are not realized by the subscriber apparatus in said system.
3. A method according to claim 2, **characterized** in that at least a part of said functions are functions dependent on subscriber information.
4. A method according to claim 1, **characterized** in that the network element is used to receive signals from said system, which signals are coming from signal lines of which there are a certain first number, and received signals are concentrated into signal lines of the mobile network of which there are a certain second number such that said second number is smaller than said first number.
5. A method according to claim 1, **characterized** in that said interface is an interface between a base station controller and mobile switching center.
6. A method according to claim 1, **characterized** in that said interface is an interface between a base station controller and base station.
7. A method according to claim 1, **characterized** in that said interface is a radio

interface between a mobile communication device and base station.

8. A method according to claim 1, **characterized** in that at least part of the mobile network subscriber data needed by the network element (11) is read from a database (15) stored in the network element.

5 9. A method according to claim 1, **characterized** in that at least part of the mobile network subscriber data needed by the network element (11) is generated automatically.

10. A method according to claim 1, **characterized** in that said system comprises at least one fixed telephone network.

10 11. A method according to claim 1, **characterized** in that said system comprises at least one radio network (41).

12. A method according to claim 1, **characterized** in that said system comprises at least one interphone network (51).

15 13. A network element (11), **characterized** in that it is adapted so as to be connected to a mobile network in order to connect a system with subscriber apparatus to the mobile network through said network element, and that it comprises

- memory means for storing subscriber information corresponding to information in a subscriber identity module of a mobile communication means of the mobile network,
- 20 - an emulation block for emulating mobile network functions not found in said system, and
- a switching block for connecting signals coming from said system to the mobile network.

25 14. A network element according to claim 13, **characterized** in that said emulation block is arranged so as to emulate mobile network functions associated with

mobile communication devices of the mobile network which are not provided by said subscriber apparatus in said system.

15. A network element according to claim 13, **characterized** in that it comprises in addition to the emulation block an output unit (13) for realizing functionality according to a predetermined interface of said mobile network.

16. A network element according to claim 15, **characterized** in that said interface is an interface between a base station controller and mobile switching center.

17. A network element according to claim 15, **characterized** in that said interface is an interface between a base station and base station controller.

18. A network element according to claim 15, **characterized** in that said interface is an interface between a mobile communication device and base station.

19. A network element according to claim ¹³(12), **characterized** in that it further comprises a database block (15) for storing mobile network subscription data corresponding to subscriber apparatus in said system.

20. A network element according to claim ¹³(12), **characterized** in that it further comprises in said memory means subscriber information corresponding to information in a subscriber identity module of a mobile communication means of the mobile network.

AMENDED SHEET

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